

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 99-017-B)

PATENT

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MAY 01 2002

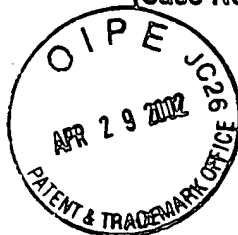
In re Application of:

Ades, et al.

Serial No.: 09/600,057

Filed: October 5, 2000

For: Recombinant Lipidated PsaA Protein,
Methods of Preparation and Use



Group Art Unit: 1645

TECH CENTER 1600/2900

Examiner: R. P. Swartz

Confirmation No.: 7894

TRANSMITTAL LETTER

BOX SEQUENCE
Commissioner for Patents
Washington, D.C. 20231

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ORIGINALLY FILED

Dear Sir:

In regard to the above identified application,

1. We are transmitting herewith the attached:

- a) photocopy of Notice to Comply;
- b) Submission of Sequence Listing;
- c) Sequence Listing in paper and disk forms; and
- d) return receipt postcard.

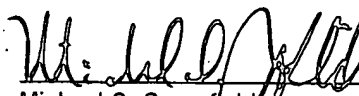
2. With respect to fees:

- a) No fee is required.
- b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.

3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on April 16, 2002.

Respectfully submitted,

Date: April 16, 2002


Michael S. Greenfield
Registration No. 37,142

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CAR §1.821 - §1.825 for the following reasons(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 CAR §1.821 - §1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990, and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CAR §1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CAR §1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CAR §1.822 and/or §1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing".
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CAR §1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CAR §1.821(e).
- ☐ 7. Other: _____

APPLICANT MUST PROVIDE:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☐ An initial or substitute paper copy of the "Sequence Listing", as were as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CAR §1.821(e) or §1.821(f) or §1.821(g) or §1.825(b) or §1.825(d).

FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE CONTACT:

For Rules Interpretation, call (703) 308-1123
For CRF Submission help, call (703)308-4212
For Patentin Software help, call (703) 557-0400

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 99,017-B)

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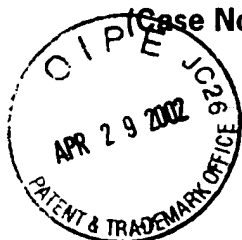
In the Application of:

Ades et al.

Serial No.: 09/600,057

Filing Date: July 10, 2000

For: Recombinant Lipidated PsaA Protein,
Methods of Preparation and Use



Examiner: Not yet assigned

Group Art Unit: Not yet assigned

TECH CENTER 1600/2900

8/A
5/2/02

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SUBMISSION OF SEQUENCE LISTING

BOX SEQUENCE

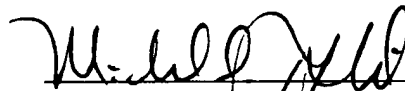
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In accordance with 37 C.F.R. 1.821-1.825, enclosed is a copy of the Sequence Listing on paper and in computer readable format. Both forms are the same and neither contains new subject matter.

Respectfully submitted,

Date: April 16, 2002


Michael S. Greenfield
Registration No. 37,142

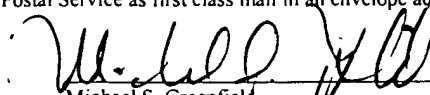
Telephone: 312-913-0001
Facsimile: 312-913-0002

McDonnell Boehnen Hulbert & Berghoff
300 South Wacker Drive, 32nd Floor
Chicago, IL 60606

CERTIFICATE OF MAILING (37 C.F.R. 1.8a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the: Commissioner for Patents, Washington D.C. 20231, on April 16, 2002.

Date: April 16, 2002


Michael S. Greenfield



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SEQUENCE LISTING

TECH CENTER 1600/2900

<110> Ades, Edwin
Carlone, George
De, Barun
Sampson, Jacquelyn
Huebner, Robert

<120> Recombinant Lipidated PsaA Protein, Methods of
Preparation and Use

<130> 99,107-B

<140> 09/600,057

<141> 2000-07-10

<150> PCT/US99/00379

<151> 1999-01-14

COPY OF PAPERS
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<150> US 09/017,782

<151> 1998-02-03

<160> 3

<170> PatentIn Ver. 2.0

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:Primer DE09
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gene, ending at the SphI site.

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<223> Description of Artificial Sequence:Primer DE11
covers 26 base pairs at the 3' end of the PsaA
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<211> 921

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Recombinant
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OspA signal sequence of B. burdorferi, remaining
from S. pneumoniae type 6B PsaA.

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